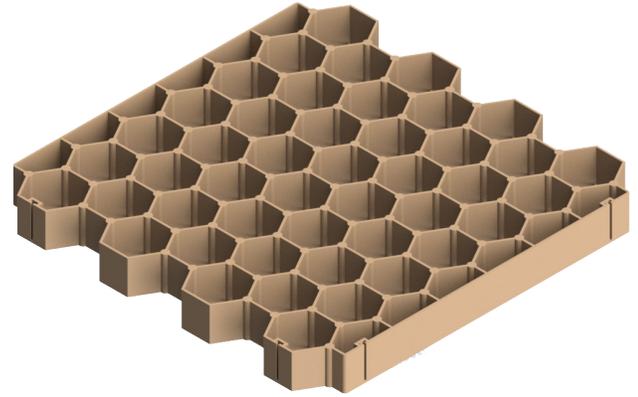


TECHNICAL DATA SHEET

HexaBase™

3-in-1 Reinforcement



UPDATE

Make sure you have an up-to-date technical data sheet by referencing our website: SRWProducts.com

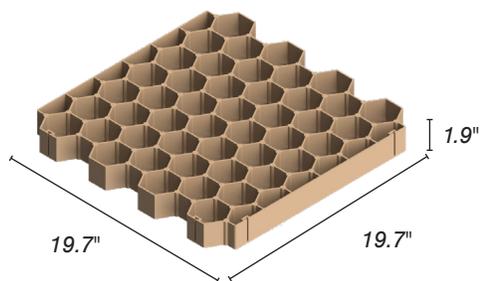
DESCRIPTION

SRW HexaBase™ is a high-density polyethylene interlocking base solution designed specifically to save the installer time and money in multiple different applications. The rigid brown panels of the HexaBase™ system snap together to form a stable foundation to your non-vehicular hardscape project, grass/gravel paver installations, even emergency fire access lanes around commercial buildings. When properly installed under your patio or walkway, the HexaBase™ system will completely eliminate the need for 6-8" of conventional Compacted Aggregate Subbase. HexaBase™ is manufactured from 100% virgin HDPE and will not rot or degrade after installation, providing the necessary structural component to last the full lifetime of your project!

PHYSICAL PROPERTIES

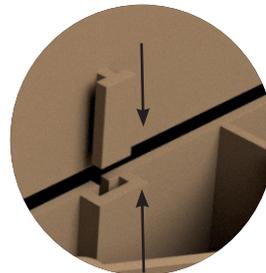
| | | |
|-------------------------------------|--|---|
| Material Type | 100% Virgin High Density Polyethylene (HDPE) | |
| Product Appearance | Brown Rigid Plastic Honeycomb | |
| Panel Thickness | 1.9" (48mm) | |
| Panel Size | 19.7" x 19.7" (500mm x 500mm) | |
| Usable Panel Area | 2.69 sq ft (.25 sq m) | |
| Panel Bearing Capacity | 327.13 psi (230 T/sq m) | |
| Material Density | ISO1183 | 59.61 lb/ft ³ (955 kg/m ³) |
| Material Tensile Modulus | ISO1133 | 113,435 psi (920 Mpa) |
| Material Tensile Strength @ 9.5% | ISO527-2 | 3480.9 psi (24.0 Mpa) |
| Material Flexural Modulus (2mm/min) | ISO178 | 142,137 psi (980 Mpa) |
| Material Melting Point | 374°F - 482°F (190°C - 250°C) | |

SINGLE PANEL



Each panel covers
2.7 Sq. Ft.

INTERLOCKING



Interlocking panels connect to make a custom-sized base and eliminate potential shifting.

BASE REPLACEMENT APPLICATIONS

- Residential patios & walkways
- Commercial non-vehicular paver projects
- Temporary parking areas / grass paver applications
- Tight areas where working space is minimal
- Works with any paving surface: Concrete Pavers, Natural Stone, Wetcast, Clay Brick, etc.

PAVER APPLICATION BENEFITS

- **Save 50% on Excavation Related Costs***: A traditional paver project employs a 6-8" Compacted Aggregate Subbase for support, typically requiring a total excavation depth of 9 - 11". Hexabase™ requires only 5" of excavation (when used with 2 3/8" standard pavers) and can be done without the additional expense of bringing in large equipment. Less excavation, Less money, Less damage to surrounding landscaping from the excavation process.
- **Save Time**: A proper structural base is crucial to any successful project, and a traditional 6-8" of Compacted Aggregate Subbase must be spread out and compacted in thin layers (usually 2" per lift) to ensure a proper foundation for your paver project. Hexabase™ installs quickly in one layer saving the installer both time and labor, and the cellular structure of Hexabase™ ensures the compacted aggregate stays in place for the lifespan of the project.
- **Save Over 75% on Aggregate Fill Material***: Requiring only .42 cubic feet of aggregate fill per Hexabase™ Panel, an 8" traditional base would require 1.79 cubic feet for the same footprint. Less time shoveling, less time on the road transporting aggregate, less hassle!
- 30x stronger than foam base panels
- No special accessories needed

*Approximate savings will vary depending on location/area and soil quality.

INSTALLATION INSTRUCTIONS FOR PAVER APPLICATIONS

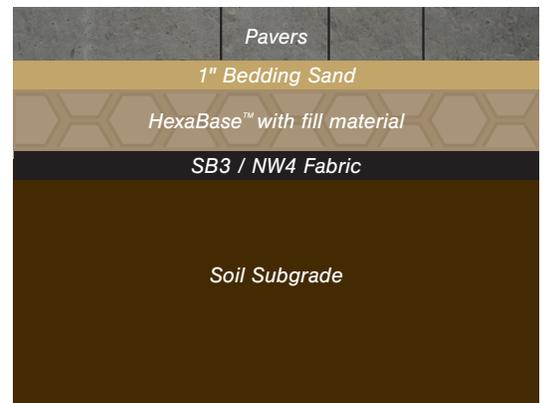
1. MINIMUM EXCAVATION

- Survey out the area where the patio or walkway will go. The overall size of excavation will be 6" larger on each side than the final paved project, except along structures or foundations.
- Total excavation depth will be determined by the overall height of the paver or chosen surface. To calculate the depth needed, simply add 2 5/8" to the thickness of the paving materials (pavers, natural stone, wetcast, etc.). This measurement takes into consideration the thickness of the Hexabase panels and the 1" layer of bedding sand (bedding sand will compact to approximately 5/8" – 3/4" after paver installation is complete)
- Excavate area to the total depth calculated above, ensuring the area remains flat and properly sloped for water drainage away from structures.

PRODUCT TIP: For a long-lasting installation, excavated area should be as flat as possible and free of any roots or large stones that could cause uneven settling over time.

2. PREPARE THE SOIL SUBGRADE (NATIVE SOIL)

- Compact Soil Subgrade with overlapping passes using a plate compactor. Be sure to compact perpendicular to the original direction as well. Frequently check the area to ensure the Soil Subgrade remains flat and properly sloped during compaction, raking soil into low areas as needed and re-compacting until satisfied.



PRODUCT TIP: It may be required at times to hydrate the area with a garden hose to allow for proper compaction.

- E. Roll out the desired SRW separation fabric (SB3 or NW4) on top of the excavated area, allowing edges to run up the sides 2", and overlap 12-18" at the seams. This layer is crucial to the long-term performance of the system and will keep the Soil Subgrade from migrating into and contaminating the Compacted Aggregate fill material in the HexaBase™ cells.
- F. Pull the fabric taught, removing folds or wrinkles, and secure using staples.

3. INSTALLATION

- G. Starting in a corner, lay HexaBase™ panels directly on top of the Separation Fabric, over the entire excavated area. Take care to fully lock each panel to the adjacent panels before continuing on.
- H. Trim any panels around the edges to correct size using a handsaw, circular saw or similar tool.
- I. Using a permeable, compactable base material (3/4" minus, crushed Limestone, Quarry Process Stone, or other equivalent base aggregate), fill the cells of the HexaBase™ slightly over the top of the cell walls (1/8 – 1/4") uniformly across the area.
- J. Use plate compactor in several directions to compact base material into cells. Refill cells where necessary with base material and repeat compaction until cells are completely full.
- K. Place 1" screed pipes or rails directly on the panels and spread bedding sand over them. Bedding sand under concrete pavers should conform to ASTM C33 OR CSA A23.1.
- L. Carefully screed bedding sand using a straight board to a uniform 1" thickness across entire area.

PRODUCT TIP: Any irregularities or unevenness in the bedding sand will be reflected in the surface of the pavers. It is not recommended to use the bedding sand as a leveling layer, as uneven areas of the bedding sand may settle over time and cause depressions in the paver surface.

- M. Install paved surface according to manufacturer recommendations.

4. EDGING

- N. HexaBase™ is specifically designed to use traditional edging products and spikes.
- O. Be sure to use 10" smooth or spiral spikes to secure edging around the paved surface.
- P. When installing edging, ensure spikes are being driven into aggregate filled cells at least 6" from the edge of the HexaBase™ panels.

INSTALLATION INSTRUCTIONS FOR GRASS/GRAVEL PAVER APPLICATIONS

1. Prepare area by removing vegetation and leveling Soil Subgrade. Be sure to flatten out any high or low spots as needed and remove roots and large stones from the area.
2. Starting in the corner of the project area, lay down HexaBase™ pieces, interlocking each one together firmly to the adjacent pieces. Be sure to lay each piece in the same orientation to ensure interlocking connectors mate properly.
3. Repeat panel installation until entire area is covered and all panels are interlocked together.
4. **GRAVEL FILL:** Fill panels to the top of the cells with desired aggregate. Lightly compact over the grid with a plate compactor to settle aggregate into the cells.
5. **GRASS FILL:** Fill panels to the top of the cells with soil and seed. Do NOT compact the soil into the grid as rain will naturally compact soil in the cells to the appropriate level.
 - HexaBase™ Grass Paver installations can be used with conventional seeding, hydroseeding, and sod applications



GRASS/GRAVEL PAVER APPLICATION BENEFITS

1. Provides the structural integrity of a traditional aggregate base while keeping the look of plush lawn.
2. Grass pavers create an environmentally friendly surface that allows water migration through the system as opposed to run-off.
3. Quick and Easy solution to overflow or seasonal parking situations.
4. Great for trails and pathways used by golf carts and utility vehicles to eliminate rutting and mud after rain events.

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HexaBase™ Technical Data Sheet

Page 4 of 5

SHIPPING

Land and sea
NOT REGULATED

PACKAGING

| HexaBase™ Interlocking Base Replacement | | | |
|---|-------|-------------|-------------|
| PART # | SIZE | TOTAL SQ FT | QUANTITY |
| GSRW HB CTN | 6/CTN | 16.15 | 16 CTNS/PLT |
| GSRW HB BULK | 1 | 452.20 | 168 PCS/PLT |



Carton



Bulk Pallet

SRW PRODUCTS® GUARANTEE

When properly used as intended, should one of our products not perform to your expectations, SRW Products will replace the defective product with the same or similar item. Monetary refunds are not available for products or additional expenses incurred with the use or application of this product; including, but not limited to, labor for installation and other materials or costs. SRW Products will not replace products which have been misused or abused. To make a defective product claim, send the entire product purchased, a legible copy of your dated sales receipt, photo of defective product or area, and a letter detailing the nature of the problem to:

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Princeton, MN 55371

Please include your full name, mailing address, and phone number. This guarantee expires five years from the product purchase date.

We take pride in selling solid solutions for better hardscapes. If you have suggestions or comments, please email us at SRW@SRWProducts.com.